

Message

From: Hughes, Adam (IHS/PHX) [Adam.Hughes@ihs.gov]
Sent: 1/2/2014 9:45:15 PM
To: Matson, Eric (IHS/PHX) [Eric.Matson@ihs.gov]; lpuhuyesva@hopi.nsn.us; lidennis@hopi.nsn.us; bbettenberg@homerlaw.com; Lee, Bessie [Lee.Bessie@epa.gov]; Hamilton, John (IHS/PHX) [John.Hamilton@ihs.gov]; brad.rea@ihs.gov; sfritz@shomaker.com; rpeery@shomaker.com; Lorenz, Robert (IHS/PHX) [Robert.Lorenz@ihs.gov]
Subject: Well 3 re-drilling
Attachments: Proposed Change Order 3.pdf

All:

Whereas the final water quality results at Well 2 were so greatly improved over what had been previously seen in the preliminary zonal samples, it is most likely that the water quality at Well 3 is also very good, and has only appeared to be poor in the past due to the imperfect zonal sampling process. Therefore, our preference in regards to the re-drilling of Well 3 is to stay on the same site. Out of courtesy and precedent, Lionel has spoken with the FMCV, and has obtained verbal approval to proceed with the re-drill.

I have drafted a proposed change order which captures the conditions of the re-drilling of Well 3. Please see the attached proposed change order.

Most notably, it is proposed that YJD be allowed to re-drill using an oversized 22" diameter borehole. The use of what may be a more efficient "development rig" is proposed, as opposed to using the dual-tube drill pipe and drill rig they have used in the past. Payment for additional well development hours is proposed as negotiable. Also, the zonal samples are to be omitted and geophysical logging, unless otherwise indicated. Also, their contract time is extended 104 days and YJD is asked to sign and acknowledge that they will indemnify the owner against any claims in regards to the original Well 3 drilling effort. It is also proposed to use 40 LF of the blank stainless steel well casing (which is now not recommended for placement in the N aquifer formation) as a tail piece – which will help capture sand produced over the life of the well.

Please let me know if you have any questions or concerns. The proposed change order has not been presented to YJD yet. YJD will be abandoning the original Well 3 borehole early next week and plans to commence the re-drill immediately thereafter.

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